

# First Executive Session

## NuMI Installation Director's Review

April 8-9, 2003

L. Edward Temple, Jr.

# Agenda for Exec Session

- Charge to Reviewers
- Review Agenda
- Report Table of Contents
  - including proposed subcommittee assignments
  - subcommittee leads designated by underlining
- Report Structure
- Findings, Comments, and Recommendations
- Discussion

# Charge (1)

This Director's Review will focus on installation planning for NuMI. Since the next major activity is the 2003 shutdown, some emphasis will be placed on installation planning for the extraction and primary beam systems in the Summer 2003 and Summer 2004 shutdowns. However, one goal of this Director's Review is to be sure the NuMI team is well prepared for the DOE Review to be held in late May. That review is expected to cover all NuMI installation activities. Therefore the NuMI presentations will include discussions of the stub, carrier tunnel and pre-target area, target hall and service rooms, absorber area and near detector with the inclusion of safety considerations for each area. The committee is requested to comment on the plans outlined by the presentations including the following topics:

- The technical and schedule risks inherent in the installation plan that could jeopardize the start of beam operations in January 2005.
- An assessment of the plans for meeting resource requirements to complete NuMI beam installation while simultaneously meeting accelerator operations and maintenance needs (this may be especially difficult during the two summer shutdowns).
- NuMI plans for managing the installation effort, i.e. sources of manpower and (NuMI)/BD/PPD landlord/tenant relationships.
- Overall safety issues should be assessed, including plans for implementation of ISM – Integrated Safety Management, into the NuMI installation activities. Eg. “Some mechanism for discussing with workers what they are to do, what hazards are to be faced, and how these are to be mitigated.”

## Charge (2)

This Director's Review should assess how well the NuMI team has addressed the recommendations made in the December 2<sup>nd</sup> Review including:

- Identify Floor Managers and Task Managers/Technical Group Leaders for input into installation planning
- Provide total project installation schedule showing primary (and near) critical path(s)
- Provide details of summer shutdown IP
- Update balance of project IP
- Status of Service Buildings and Outfitting (SB&O) schedule and contractor performance

## **DIRECTOR'S REVIEW OF INSTALLATION** (April 8<sup>th</sup> & 9<sup>th</sup>)

April 8, 2003

8:30 Executive Session

9:00 Introduction & Project Status (Greg Bock)

9:30 Installation Overview (Rich Andrews)

10:00 Break

10:15 Main Injector Installation (Rick Ford)

11:15 Status of Civil Construction (Dixon Bogert)

11:30 Lunch

1:00 MI - 65: Pre-Target Hall and Target Hall (Dave Pushka/Jim Hylen)

1:40 MINOS: Absorber/Near Detector (Rich Andrews/Cat James)

2:30 Installation ES&H Plan for NulMI (Mike Andrews)

2:50 Break

3:15 Tour followed by Breakout Sessions

5:00 Executive Session

April 9, 2003

8:30 Wrap Up/Summary (Greg Bock)

3:00 Closeout

# Agenda

# Table of Contents

	Executive Summary	Temple
1.1	Main Injector, NuMI Stub, and Pre-Target Areas	<u>Martin</u> , Mau, Augustine
1.2	Target Hall and Service Rooms	<u>Hurh</u> , Capista
1.3	Absorber Area and Near Detector	<u>Brown</u> , Kerby
1.4	Integrated Schedule	<u>Kerby</u> , Mau, Hoffer, Martin
1.5	Integrated Safety Management	<u>Read</u> , Brown, Augustine
1.6	Management	<u>Temple</u> & other leads

# Report Preparation and Structure

- Review findings, assessments, and recommendations should be presented in writing at a closeout with the Collaboration and Fermilab management.
- Written with
  - Findings
  - Comments and
  - Recommendations

# Findings, Comments, and Recommendations

- Findings
  - Findings are statements of fact that summarize noteworthy information presented during the review.
- Comments
  - Comments are judgment statements about the facts presented during the review. The reviewers' comments are based on their experiences and expertise.
  - The comments are to be evaluated by the project team and actions taken as deemed appropriate.
- Recommendations
  - Recommendations are statements of actions that should be addressed by the project team.
  - A response to the recommendation is expected and it is expected that the actions taken would be reported on during future reviews.



# Discussion

- Questions and Answers